

Universal Filament Regulator R3.1 -- Known Good Component Values

Tube	Input Voltage	Output Voltage	Output Current	U1	L1	Cout	R1	R2	R3
26	6 V	1.5 V	1.05 A	LM22673-ADJ					
2A3	6 V	2.5 V	2.5 A	LM22673-ADJ					
4P1L	15 V	4.2 V	325 mA	LM22673-ADJ					
300B	15 V	5.0 V	1.4 A	LM22673-5.0	22 uH Coiltronics DR127-220 Digikey: 513-1044-1-ND	47 uF, 10 V, ESR = 28 mOhm Nippon Chemi-Con Digikey: 565-3197-1-ND	0 Ohm	DNP	DNP
Various	15 V	6.3 V	300 mA ~ 1.2 A	LM22673-5.0	68 uH Coiltronics DR127-680 Digikey: 513-1053-1-ND	100 uF, 35 V, ESR = 160 mOhm Panasonic Digikey: PCE3835CT-ND	330 Ohm	1.47 kOhm	18 kOhm
	15 V	6.3 V	1.2 A ~ 2.5 A	LM22673-5.0	22 uH Coiltronics DR127-220 Digikey: 513-1044-1-ND	47 uF, 10 V, ESR = 28 mOhm Nippon Chemi-Con Digikey: 565-3197-1-ND	330 Ohm	1.47 kOhm	DNP
801A	15 V	7.5 V	1.25 A	LM22673-5.0	68 uH Coiltronics DR127-680 Digikey: 513-1053-1-ND	100 uF, 35 V, ESR = 160 mOhm Panasonic Digikey: PCE3835CT-ND	330 Ohm	715 Ohm	18 kOhm
	= NOT VERIFIED, WebBench calculation ONLY								

DNP = Do Not Populate

Note: One 6.3 V heater winding when rectified and smoothed will provide roughly 6 V. A 12.6 V winding (or two 6.3 V windings in series) will provide about 15 V.